

Message Text

UNCLASSIFIED

PAGE 01 MOSCOW 06589 01 OF 02 130007Z
ACTION OES-07

INFO OCT-01 ISO-00 AID-05 CEA-01 CIAE-00 COME-00
EPG-02 DODE-00 EB-07 FPC-01 H-02 INR-07 INT-05
L-03 NSAE-00 NSC-05 OMB-01 PM-04 USIA-15 SP-02
SS-15 STR-04 TRSE-00 ACDA-10 FEA-01 EUR-12 /110 W
-----130216Z 080012 /63

R 121520Z MAY 77
FM AMEMBASSY MOSCOW
TO SECSTATE WASHDC 7321
INFO ERDA WASHDC
ERDA GERMANTOWN MD

UNCLAS SECTION 1 OF 2 MOSCOW 6589

ERDA FOR HILL

E.O. 11652: N/A
TAGS: TGEN ENRG US UR
SUBJECT: US-USSR ENERGY AGREEMENT : SOLAR (08.0209)

EMBASSY HAS RECEIVED LETTER DATED 5 MAY FOR BEATTIE FROM
STOLYAROV PLUS ATTACHED LIST OF REPORTS PREPARED FOR THIRD
US-USSR SEMINAR ON UTILIZATION OF SOLAR ENERGY. INFORMAL
TRANSLATION OF TEXTS FOLLOWS:

EGIN QUOTE OF TEXT OF LETTER: THANK YOU FOR THE INFORMATION
WE RECEIVED FROM YOU AND FOR MY PART I AM SENDING YOU THE LIST
OF REPORTS SOVIETS SPECIALISTS INTEND TO BRING FOR DISCUSSION
AT THE JOINT SYMPOSIUM.

I THINK THAT IT IS ADVISABLE AND IN THE INTERESTS OF BOTH
SIDES TO DELAY THE OPENING OF THE THIRD SOVIET-AMERICAN SEMINAR
IN ASHKHABAD TO JUNE 27, 1977. THIS WILL ALLOW SOVIET AND
AMERICAN SOLAR-POWER ENGINEERS TO PARTICIPATE IN JUNE 21-25
1977 IN WORK OF THE INTERNATIONAL ELECTRO-TECHNICAL CONGRESS
IN MOSCOW.

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ACCORDING TO THE PROPOSALS OF THE AMERICAN SIDE, EXPRESSED
BY MR GREENBERG DURING THE TALK WITH MR N, A. LOPATIN, THE
USSR DEPUTY MINISTER OF POWER AND ELECTRIFICATION, WE ARE TAKING
MEASURES ON COMPLETION OF PREPARATION OF SOVIET REPORTS WHICH WILL
BE SENT TO YOU BY THE END OF MAY 1977 ON RECEIPT FROM YOU OF
CORRESPONDIN AMERICAN REPORTS. AS AGREED, ABASTRACTS OF THESE

REPORTS AND THE VISIT PROGRAM OF THE AMERICAN DELEGATION WILL
BE SENT TO YOU THROUGH THE U.S. EMBASSY IN MOSCOW BY MAY 20, 1977.

TO PARTICIPATE IN THE SEMINAR IN ASHKHABAD THE AMERICAN
DELEGATION SHOULD GET AIR TICKETS FOR WASHINGTON-MOSCOW-
ASHKHABAD-MOSCOW-WASHINGTON. END TEXT OF LETTER.

BEGIN TEXT OF LIST OF REPORTS. PROGRAM 1.

1. METHOD OF THERMAL OPTIMIZATION OF SOLAR POWER STATIONS
(SPS) ON THE RADIATION CONCENTRATION LEVEL AND THE WORKING
SUBSTANCE TEMPERATURE.

AUTHORS: D.I. TEPYAKOV
R.R. APARISI

2. INVESTIGATIONS OF OPTICAL CHARACTERISTICS OF A UNIT REFLECTOR
OF A SPS.

AUTHORS: R.R. APARISI
N.B. REKANT
I.I. KOKHOVA

3. SOLAR STATIONS FOR RECOMBINED PRODUCTION OF THERMAL AND
ELECTRIC POWER.

AUTHORS: YU N. MALEVSKIY
B.V. TARNIZHEVSKIY
D. IBRAGIMOV
R.I. SOZIYEV

4. METHODS OF REDUCING THE NUMBER OF SERVO ELEMENTS OF SPS.
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AUTHOR: I.V. BAUM

5. TWO-MIRROR CONCENTRATING SYSTEMS FOR A SOLAR POWER INSTALLATION:
CALCULATION, ANALYSIS, OPTIMIZATION

AUTHORS: R.A. ZAKHIDOV
A.A. VAYNER
A. SH. KHODZHIYEV

6. TECHNOLOGICAL AND ECONOMIC INVESTIGATIONS OF TOWER-TYPE
SPS APPLICATION IN AGRICULTURAL AREAS OF KASAKHSTAN.

AUTHORS: G.F. SUMIN
A.K. DZHARZHANOV
A.M. KARPENKO
B.V. AKSYENOV

PROGRAM II

1. COMPARISON OF WORK EFFECTIVENESS OF SOLAR WATER HEATERS
WORKING WITH NATURAL AND FORCED CIRCULATION.

AUTHORS: S.A. AZIMOV
G. YA. UMAROV
R.R. AVEZOV

2. PRODUCTION AND APPLICATION OF ROLLED-AND-WELDED PANELS OF
ALUMINUM ALLOYS FOR SOLAR WATER HEATERS OF HOT WATER SUPPLY
AND COLLING SYSTEMS.

AUTHORS: N.I. KORYAGIN
YU. M. SIGALOV
YU. N. MALEVSKIY
A.I. MALYKHIN

3. FEATURES OF ARCHITECTURE OF BUILDING EQUIPED WITH SOLAR
POWER SUPPLY SYSTEMS

AUTHORS: A.N. ZAVAROV
A.P. FERT
A.V. MATVIYENKO
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4. EXPERIENCE IN DEVELOPING ABSORPTION HELICOOLING PLANTS

AUTHORS: O.A. KREMNYEV
V.YA. SHURAVLENKO
E.R. GROSMAN
I.P. TOLSTYKH

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PAGE 01 MOSCOW 06589 02 OF 02 130204Z
ACTION OES-07

INFO OCT-01 ISO-00 AID-05 CEA-01 CIAE-00 COME-00
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L-03 NSAE-00 NSC-05 OMB-01 PM-04 USIA-15 SP-02
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FM AMEMBASSY MOSCOW
TO SECSTATE WASHDC 7322
INFO ERDA WASHDC
ERDA GERMANTOWN MD

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ERDA FOR HILL

5. DEVELOPMENT OF A SOLAR HEATING COMBINED SYSTEM FOR CITY-TYPE BUILDINGS

AUTHORS: YU. S. KONSTANTINOVSKIY

YU. N. MALEVSKIY

S.I. SMIRNOV

B. V. TARNIZHEVSKIY

6. TECHNICAL AND ECONOMIC CHARACTERISTICS OF SOLAR INSTALLATIONS FOR COOLING BUILDINGS

AUTHORS: V.A. BAUM

A. KAKBAYEV

O. KLYSHCHAYEVA

7. SYSTEMATIC APPROACH IN DETERMINING AN ECONOMIC EFFECT OF SOLAR HEAT SUPPLY.

AUTHOR: V.B. KOZLOV

PROGRAM II

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1. PHYSICAL PROCIPILES OF PHOTOELECTRICAL ENERGY TRANSFORMATION OF CONCENTRATED SOLAR RADIATION.

AUTHORS: N.S. LIDORENKO

V.M. YEVDOKIMOV

A.F. MILOVANOV

S.V. RYABIKOV

D.S. STREBKOV

2. INVESTIGATION OF POSSIBILITIES OF A SURFACE HETRO-
PHOTOTRANSFORMER UNDER CONDITIONS OF CONCENTRATED SOLAR RADIATION

AUTHORS: ZH. I. ALFEROV

V.M. ANDREYEV

G.S. DALETSKIY

M. KOGAN

N.S. LIDORENKO

S.V. RYABIKOV

V.M. TUCHKEVICH

3. PROCESSES OF DEGRATION OF ELECTROPHISICAL CHARACTERISTICS OF PHOTOTRANSFORMERS IN LONG-TERM OPERATION

AUTHORS: G.S. DALETSKIY

I.V. KORPENKO

M.M. KOLTUN

YU. N, KSENZATSKAYA

V. M. KUZNETSOV

S.V. RYABIKOV

R.N. TYVENKO

V.A. KARPUKHIN

4. POSSIBILITIES OF CREATION OF PHOTO-ELECTRICAL INSTALLATION
WITH WASTE HEAT UTILIZATION

AUTHORS: B.A. BAZAROV

KH. BAZAROV

D.S. STREBKOV

B.D. TAIROV

V.D. TERESHIN

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A. YAZNULIYEV

5. SYNTHESIS OF FINE SELINIDES AND TELLURIDES FOR SEMICONDUCTOR
TRANSFORMERS OF SOLAR ENERGY.

AUTHORS: A.N. BELYAYEV

YU. N. MALEVSKIY

M.A. BERCHENKO

6. THIN-FILMED AND CERAMIC SOLAR TRANSFORMERS BASED ON SULPHIDE
AND SELINIDE OF CADMIUM

AUTHORS: V.N. KOMASHCHENKO

A.N. MARCHENKO

G.A. FEDORUS

END QUOTE. LETTER AND ATTACHMENT POUCHES OES/APT/SEP
TOON

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: TEXT, ENERGY, AGREEMENTS, REPORTS, PUBLIC CORRESPONDENCE, MEETING DELEGATIONS, SCIENTIFIC MEETINGS, SOLAR POWER
Control Number: n/a
Copy: SINGLE
Sent Date: 12-May-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
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Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
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Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
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Format: TEL
From: MOSCOW
Handling Restrictions: n/a
Image Path:
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Legacy Key: link1977/newtext/t19770565/aaaacegi.tel
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Litigation History:
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Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
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Previous Classification: n/a
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Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
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Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2549142
Secure: OPEN
Status: NATIVE
Subject: US-USSR ENERGY AGREEMENT : SOLAR (08.0209) EMBASSY HAS RECEIVED LETTER DATED 5 MAY FOR BEATTIE FROM STOLYAROV PLUS ATTACHED LIST OF REPORTS PREPARED F
TAGS: TGEN, ENRG, US, UR
To: STATE
Type: TE
vdkgwkey: odb://SAS/SAS.dbo.SAS_Docs/94d3b695-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009

